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JUN 18 2008

Docket No. F-8309

Ser. No. 10/502,303

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) A battery pack comprising:

a rechargeable battery;

a substrate having first and second substrate side surfaces which are on opposite sides of said substrate, said substrate at least having ~~[[a]] terminal contact~~ contacts electrically connected to said rechargeable battery, and said terminal contacts including positive and negative terminals arranged supported on said first substrate side surface of said substrate, said positive and negative terminals respectively having positive and negative terminal contact surfaces facing outward from said first substrate side surface;

said substrate being united to said rechargeable battery by solidified molded resin molded between at least said second substrate side surface and said rechargeable battery to adhere said substrate to said rechargeable battery; and

a molded resin member covering at least a portion of said first substrate side surface and having a molded resin member outer surface opposite to a surface of said molded resin member covering and facing said first substrate side surface;

said molded resin member at least having an opening openings at said positive and negative terminal contact surfaces, said openings and said positive and

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negative terminal contact surfaces being configured such that ~~exposing a~~
terminal surface of said positive and negative terminal contact surfaces are sunken
relative to said molded resin member outer surface so as to expose said positive and
negative terminal contact surfaces to outside said battery through voids defined by
said ~~opening~~ openings.

2. (Currently Amended) A battery pack comprising:

a rechargeable battery including elements for electromotive force
accommodated in a bottomed tube shaped battery case having a top tube end sealed
by a sealing plate and a bottom face;

a substrate having first and second substrate side surfaces which are on
opposite sides of said substrate, said substrate at least having [[a]] terminal contact
contacts disposed on said first substrate surface;

said substrate being united to said rechargeable battery by a resin molded
member adhering to said second substrate side surface and said sealing plate to
form a substrate and battery assembly;

the ~~terminal contact~~ contacts being electrically connected onto ~~to the sealing~~
~~plate~~ rechargeable battery, said terminal contacts including positive and negative
terminals arranged on said first substrate side surface, said positive and negative
terminals respectively having positive and negative terminal contact surfaces facing
outward from said first substrate side surface;

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~~an upper molded resin member at least having an opening for exposing a surface of the terminal contact to outside the battery pack;~~

an upper molded resin member having an upper molded resin member outer surface opposite to a surface of said upper molded resin member covering and facing said first substrate side surface;

said upper molded resin member being bonded to said substrate and battery assembly such as to cover the substrate and the molded resin member with at least [[the]] exception of said surface positive and negative contact surfaces of said terminal contact contacts;

said upper molded resin member at least having openings at said positive and negative terminal contact surfaces, said openings and said positive and negative terminal contact surfaces being configured such that said positive and negative terminal contact surfaces are sunken relative to said molded resin member outer surface so as to expose said positive and negative terminal contact surfaces to outside said battery through voids defined by said openings;

a lower molded resin member bonded to said bottom face of the battery case; and

a sheet [[being]] wound around side faces of the upper molded resin member, the lower molded resin member, and the battery case.

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3. (Previously Presented) The battery pack according to claim 2, wherein the upper molded resin member and the lower molded resin member are coupled together by connection pieces that run along sides of the battery case.

4. (Currently Amended) The battery pack according to claim 3, wherein the upper molded resin member and the lower molded resin member, and the connection pieces are integrally molded such that the connection pieces are bendable at right angles at hinges include hinge structures formed therewith therein so that each of the connection pieces is pivotable relative to each other from a position whereat the connection pieces are at a right angle to each other at said hinge structures to a position whereat the connection pieces are in line.

5-15. (Canceled)